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181 Achieving extensibility through product-lines and domain-specific languages: a case study   ◼
Don Batory, Clay Johnson, Bob MacDonald, Dale von Heeder
April 2002 **ACM Transactions on Software Engineering and Methodology (TOSEM)**,
           Volume 11 Issue 2

Full text available: 🗎 pdf(324.37 KB)   Additional Information: full citation, abstract, references, citings, index terms, review

This is a case study in the use of *product-line architectures (PLAs)* and *domain-specific languages (DSLs)* to design an extensible command-and-control simulator for Army fire support. The reusable components of our PLA are layers or "aspects" whose addition or removal simultaneously impacts the source code of multiple objects in multiple, distributed programs. The complexity of our component specifications is substantially reduced by using a DSL for defining and refining state machi ...

Keywords: GenVoca, aspects, domain-specific languages, refinements, simulation

182 Evaluation: An improved slicer for Java   ◼
Christian Hammer, Gregor Snelting
June 2004 **Proceedings of the ACM-SIGPLAN-SIGSOFT workshop on Program analysis for software tools and engineering**
Full text available: 🗎 pdf(180.49 KB)   Additional Information: full citation, abstract, references, index terms

We present an improved slicing algorithm for Java. The best algorithm known so far, first presented in [11], is not always precise if nested objects are used as actual parameters. The new algorithm presented in this paper always generates correct and precise slices, but is more expensive in general. We describe the algorithms and their treatment of objects as parameters. In particular, we present a new, safe criterion for termination of unfolding nested parameter objects. We then compare the two ...

Keywords: Java, object trees, static program slicing

183 Full papers: Runtime aspect weaving through metaprogramming   ◼
Jason Baker, Wilson Hsieh
April 2002 **Proceedings of the 1st international conference on Aspect-oriented software development**

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    E. Papaefstathiou
    September 2000 **Proceedings of the second international workshop on Software and performance**
    Full text available: ▣ pdf(341.34 KB)   Additional Information: full citation, references, citings, index terms

    Keywords: infrastructure, parallel/distributed systems, performance prediction and analysis, responsive software

2   Computers in education and business: Using XML pipelines to build dynamically configurable software
    Ross D. Gardler, Nikolay Mehandjiev
    January 2004 **Proceedings of the winter international synposium on Information and communication technologies**
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3   Extending performance approaches to new application domains: An optimization framework for web farm configuration
    David Bartholomew Stewart, Efstathios Papaefstathiou, Jonathan Hardwick
    July 2002 **Proceedings of the third international workshop on Software and performance**
    Full text available: ▣ pdf(220.16 KB)   Additional Information: full citation, abstract, references

    A common problem that sales consultants face in the field is the selection of an appropriate hardware and software configuration for web farms. Over-provisioning means that the tender will be expensive while under-provisioning will lead to a configuration that does not

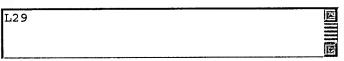# Refine Search

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L10	L9 and l7	11	L10
L9	l2 and parameter$ and description$ and xml	130	L9
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L7	717/100,101,102,103,106,107,108,114.ccls.	826	L7
L6	717/ 717/100,101,102,103,106,107,108,114.ccls.	0	L6
L5	L4 and synta$ and (expand$ or exten$)	104	L5
L4	L3 and (metalanguag$ or independent$ or XML)	266	L4
L3	L2 and parameter$ and (descrip$ near3 file$)	332	L3
L2	L1 and (software and hardware)	7341	L2
L1	(creat$ or generat$ or mak$ or develop$) near5 configuration$	59427	L1

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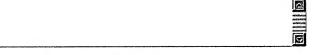### Search Results -

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L13	l11 and (configur$ near9 (hardware$ or software$))	0	L13
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